## General Sale Of 90 Prom **Tickets Today**

## **Table Reservation Limited** To 270 Couples, Says Mott

### FIVE COUPLES AT TABLE

A heavy advance sale of 360 Junior Prom tickets has limited to 90 the number of tickets that will go on general sale today at 11 o'clock in the Main Lobby. The Prom dance committee has anticipated such a rush for these few tickets that arrangements have been made to maintain order during the sale.

Limited seating facilities have made it impossible to make reservations for more than 270 couples at the tables, five couples being placed at each table. These table reservations will be available next Tuesday and Wednesday afternoons from 1:30 to 5:00 in the Main Lobby.

The committee further announced that options will be redeemed from Monday, February 19, to Friday, February 23. After that date no options can be redeemed, the committee

The record music of the Junior Prom band, Glen Gray and his Casa Loma Orchestra, featuring Pee Wee Hunt and Kenny Sargent as vocalists, was played at the ticket booth and aided greatly in the heavy advance

## Rehearsals Start For Spring Play

## Louis King, Janet Norris Chosen For Leads In Light Comedy

Having selected the cast for their annual spring production, "Cyrano de Bergerac", to be presented in Brattle Hall, Cambridge on the evenings of March 15 and 16, the Dramashop started rehearsals for the play last Wednesday.

The Dramashop has selected Louis A. King, '41 to play the title role of Cyrano, dashing, handsome, and clever soldier with a big nose. The part of the glamorous Roxanne to whom Cyrano makes love on behalf of another when he himself loves her is played by Janet Norris, '42.

## Thirty-six in Cast

Other persons with important roles in the production are George Power, '41, Ray O'Connel, '41, Joseph E. Dietzgen, '41, and Barbara F. Laven, '41. Thirty other supporting roles will fill out the large cast of the famous French comedy.

Professor Dean M. Fuller of the English department will direct the play and is to be assisted by Joseph E. Dietzgeu, '41. Bonner Hoffman, '40, is in charge of the production.

## Special Snow Train For Faculty Club's Ski Trip

In anticipation of a good snow in the mountains the Faculty Club has been making arrangements during the past week for a special Snow Train to take them up to New Hampshire

A questionnaire was sent to all quite as wild as other composers'." members of the faculty to determine the best time for going and the number of persons wishing to go. As a result, February 18 has been selected as the tentative date, and with adequate participation and good skiing weather, the club will leave early that Sunday morning for the mountains.

### **Next Bull Session Dinner** To Be Held February 27

Equipped with shiny red apples, the dining tables of the North Hall and Faculty Room of Walker will be spread for this year's second Bull-Session dinner to be held on the evening of Tuesday, February

Although the menu has not yet been announced, an 80c dinner for 55c instead of the usual 75c dinner for 60c should prove a saving to all present according to Ted Walkowicz, '40, who is in charge of the dinner Invitations are being sent to numerous professors around the Institute, and a list will soon be published naming those who may be present. The reservations are being restricted to 20 tables, and should be given to Waikowicz, in the dormitories by 5 o'clock Friday, February 23.

## **Inside The Flame** Is Title Of Film Shown To A. C. S.

### **Production Of Carbon Black** Explained; Dr. Drinker **Gives Address**

Attended by more than 600 persons the film "Inside the Flame", presented by Dr. W. R. Smith, chief research chemist of the Cabot Corporation, was shown in Room 10-250 last night.

The picture explained the production of carbon black in large, smoky plants in Texas where natural gas is available. It also showed how exact control and research produces many types of carbon black for use in the rubber, varnish and other industries.

Drinker Spoke at Dinner

(Continued on Page 4)

## **Dinner Dance Presents Dahl**

## Cartoonist To Speak At Formal Affair On February 16

New England's popular cartoonist, Francis Dahl of the Boston Herald, is to be guest speaker at the tenth annual Dormitory Dinner Dance to be held Friday, February 16, in the main hall of Walker Memorial.

The chairman of the Committee, L. Hurley Bloom, '40, besides making this announcement, declared that the St. Valentine's decoration scheme has been planned out in detail together with the surprising innovations promised. These innovations have been described as unique among all the schools of the north, as well as unique in Technology's history. The price set for both dinner and dance is \$4.00 per couple.

#### Bartlett to Play

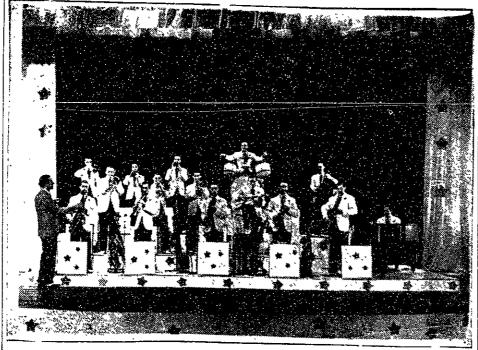
Known chiefly throughout the college world, maestro Ken Bartlett and his orchestra will furnish the music for dancing until two o'clock. Rita Scott, eighteen year-old vocalist will accompany the Bartlett combine.

Dinner is to be served promptly at seven o'clock, after which Henry A. Rapaport, '40, chairman of the Dormitory Committee will present a short welcoming speech. Immediately following this, the speakers of the evening will be introduced

## Open House

Open House will be in effect throughout the Undergraduate and Senior Houses on the evening of the dance. On the Sunday afternoon following this dance, February 18, a tea The film was shown as part of the will be held in the Burton Room in the Undergraduate Dorms.

## Glen Gray's Casa Loma Orchestra



# Swingmaster Gray Discloses Liking For Symphonic Music

"Symphonic music naturally attracts | sonnel changes in the last few years," me," disclosed swing maestro Glen commented Glen, "this system seems to Gray, Junior Prom bandleader, in a work very well in holding the band personal interview in New York City last week. "Claude Debussey is my favorite," continued the six-foot fourinch bandmaster. "His music is not

That most of his band likes symphony was also revealed by "Spike"-that's what his musicians call him. His Casa Loma Orchestra, incidentally, is organized as a corporation, with Gray, vocalists PeeWee Hunt and Kenny Sargent, and all the boys holding the stock. "Since we've had very few per-

together."

## Third Term 50-50

Franklin D. Roosevelt has an even chance of being elected chief execu-on this question. tive for a third term if he runs. This of war, and if they think Roosevelt can maintain a peaceful status, they will vote for him.

Jimmy Foxx, home run ace of the Bos-(Continued on Page 4)

### Cercle Francaise To See Two French Sound Films

The Cercle Francaise de M.I.T. will hold its next public meeting on Tuesday, February 13, from 5:00 to 5:50 P.M. in Room 6-120.

Two French sound films, loaned by the French Consulate for the occassion, will be presented by the club at the meeting. The two pictures, "Le Rhone" and "Jeunesse en Liberte," will last 20 minutes respectively, and concern canoeing on French waters. All interested are invited. Admission is

## **Atom Smashing** To Be Discussed At Arts Lecture

## Dr. Robley D. Evans To Use Radioactive Elements In Experiments

With atom smashing and radioactivity as his subject, Dr. Robley D. Evans of the Physics department, will give the third Popular Science lecture sponsored by the Society of Arts at Technology at 4 P.M., Sunday, Febru-

### Smashing The Atom Discussed

After defining the sub-molecular components of matter, Dr. Evans, who is well known for his research in atomic physics, will describe the various methods of smashing the atom, which is the process of altering the nucleus of this tiny particle. He will explain the nature of natural as well as man-made radioactivity and the application of radioactive atoms as tracers in chemical reactions and the diffusion of metals.

Dr. Evans plans to use radioactive phosphorous in experiments to show the application of tracer atoms, and he will have a model to show the diffusion of copper in copper. Other (Continued on Page 3)

## M. I. T. Debaters To Hold 3 Meets

The Institute debaters will hold three contests this month according to Stanley L. Backer, '41, manager of the Debating Society. The M.I.T. speakers will meet contingents from Pembroke, University of New Hampshire, and Western Reserve.

The subject: "Resolved, that President Roosevelt Should Be Given a Third Term", will be the topic when Technology entertains the Pembroke team on February 16. On the next day, February 17, the orators will journey to the University of New Hampshire and will discuss the topic "Resolved, that If the Allies Should Be Faced with Certain Defeat, The United States Should Go to Their Aid."

## To Favor Allied Support

The Institute men will oppose a third term for Roosevelt and will favor giving support to the Allies under the conditions stated. On February 28 Politically "Spike" thinks that Western Reserve will visit M.I.T. and will engage the home team in debate

Teams for the contests have not been prediction was based on the fact that denitely chosen, Backer indicated. Parthe American people want to keep out ticipants will be selected within the next few days from members who show their familiarity with these questions which will be discussed at the meeting to be held tonight in the West Lounge of Walker Memorial.

# Magoun Gives Marriage Talk **Next Tuesday**

## Problems In Adjustment To Be First Topic This Spring

### QUIZ HOUR TO FOLLOW

The first of the T.C.A.'s spring marriage lecture series will take place next Tuesday afternoon from 4 to 5 PM. in Room 10-250 when Professor F. Alexander Magoun of the Department of Humanities, will lecture to those present on "Problems in Adjustment."

"This spring series," explained Professor Magoun, "will follow as a natural sequence to the fall lectures. Where the fall series focused on the question, 'How to Choose a Suitable Partner', these coming lectures will deal with the problem, 'How to make the marriage successful."

This spring Professor Magoun will deliver all lectures himself. Earlier it had been planned to invite outside experts for various lectures, but the failure of the T.C.A. to meet their budget made this impossible.

### Two Lectures to Be Given

As has been the custom in past years lectures will be given from 4 to 5 P.M. as well as from 5 to 6 P.M. during the entire course of the series A period of questions and answers for those interested will be held Wednesday evenings in Room 1-190 from 5 to 6 P.M.

Professor Magoun is also scheduled to lecture early in March at Mount Holyoke and Colby Junior College in connection with their program "Preparation for Marriage". Simmons College has invited him to lecture early in April for a period of five weeks, each Monday and Tuesday.

## M. I. T. Glee Club To Give Concert

## Accompanist's Original Song Is To Be Presented For First Time

The M.I.T. and the Bouve School Glee Clubs will present a joint concert of choral music which will take place at the Bouve-Boston School of Physical Education, 105 So. Huntington Ave., Boston, this evening at 8:15 P.M.

Among the highlights of the program will be a song written by the Glee Club's versatile accompanist, Northrop Brown, G. The words are by Ogden Nash and the song is called The Fish. It will be presented tonight for the first time and should prove very

(Continued on Page 3)

## Godfrey Speaks At Hi-Y Gathering In Worcester

Charles S. Godfrey, '40, president of Tau Beta Pi, represented the Institute at a Father and Son's Night of the Hi-Y Club of Worcester last Wednesday evening at which various colleges and universities were discussed. The topic of his speech was "Scholarship at M.I.T." in which he endeavored to prove that Technology isn't quite what it is rumored to be.

Representatives of the undergraduate body of Worcester Polytechnic Institute and Clark University also addressed the group and endeavored to acquaint the members with the life which a typical undergraduate leads at these various schools.

# The acech

Vol. LX Friday, February 9, 1940 No. 2

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Managing Board

Leslie Corsa, Jr., '41 Peter E. Gilmer, '41

Raymond F. Koch, '41 Donald B. Cameron, '41 Howard J. Samuels, '41

Associate Board Assistant Editors

Harvey I. Kram, '42 Robert I. Kraus, '42 Frederick Kunreuther, '41 Carthrae M. Laffoon, Jr., '42 Eric M. Wormser, '42

John J. Quinn, '42 Maurice E. Taylor, '42 Edward F. Thode, '42 John Weingarten, '42

Business Associates

Malcolm M. Anderson, '42 Ch Albert F. Clear, Jr., '42 J Philip E. Phaneuf, '42

Charles D. Magdsick, '42 Jonathan H. Noyes, '42

Philip E. Phaneul, 42

Offices of The Tech

News and Editorial—Room 3, Walker Memorial, Cambridge, Mass.

Telephone KIRkland 1882

Business-Room 301, Walker Telephone KIRkland 1881

SUBSCRIPTION, \$1.50 Per Year

Published every Tuesday and Friday during College year except during College vacation.

Entered as Second Class Matter at the Boston Post Office

National Advertising Service, Inc.
College Publishers Representative
420 Madison Ave. New York, N.Y.
CHICAGO · BOSTOR · LOS ARGELES · SAN FRANCISCO

Niember

Associated Collegiate Press

Collegiate Digest

Night Editor: Cyril M. Krook, '43

## FOURTH ESTATE BLUES

By this time American men and women should know all about the newspaper reporters through special effort on part of the newspaper reporters. Scores of foreign correspondents have poured out colorful articles revealing all about how "I Covered the Pomeranian War". In song and story, and particularly in the movies, have praises been sung of re-write and cable men and even recently, in Russell Birdwell's "I Ring Doorbells" and Nat Ferber's "I Found Out", of the indomitable leg-man. And that sarcastic, eye-shaded, bellowing guy who mans the City Editor's desk is now as well known a figure to the American people as Santa Claus.

But that doesn't take care of all the people who get out a newspaper. On every staff there are one or more individuals, reluctantly accepted as "newspaper men", who day after day paternally take care of a page of their own. They are not fast-talking and adventurous, but bald, bespectacled, and scholarly. No movies or novels have ever been written with them as heroes. Tucked away in some corner between the "morgue" and the "library", he is journalism's Forgotten Man, the editorial writer, the guy who writes the stuff under the masthead, the stuff nobody reads.

Strangely, editorials in metropolitan newspapers are undoubtedly more neglected than those of colleges. It is popularly traditional of the American educational system to have college students intensely interested in worldly, mature subjects. Many of them long to cure the world's evils in bull sessions first and study their next day's assignments later. Nor can we honestly censure them for their interested attitude; it does far more good than harm. But it is to the lovelorn advice, the comic-strips, the sob-sister, the daily short-short story, the beauty hints, the gals that do the recipes, the sports columns, and a thousand and one other places that the readers of city dailies turn when they pick up their morning editions.

Since surveys have actually shown that only two to ten per cent of readers even glance at a newspaper's editorials, why not throw out the editorial page entirely? If the sob sisters and the sports columnists make all the base hits in an exhibition game while the editorial writer is forever up there in a World's Series swinging his bat with dignity but never getting to first base, why don't the

publishers get wise and abolish editorials from their newspapers?

As a matter of fact, there are records of newspapers doing just that. And it didn't work! The readers complained. Although they don't read it, they miss the editorial page when it's gone. The paper has lost something, has become less familiar to them when those wide, dreary columns are removed. That it is strangely missed when it is absent is perhaps the greatest tribute the editorial page ever received.

Beyond its familiar appearance the editorial page makes but one claim to the right of existence: its past glory. In colonial times editorials really were a driving force in the young nation's life. New England towns were flooded with ringing editorials which led the newly democratic masses into battle over controversial issues. A good, rousing piece of writing could get its author dragged through the streets or run out of town. These days it gets passed by in favor of the last-minute Hollywood gossip.

Even in later times editorial writing resounded through public opinion. Men like Garrison, Greeley, Wright, and Dana brought about more national action, for good or for evil, through their editorial blasts than will probably ever be known.

What, then, has happened? Have editorial writers gradually lost the knack of writing persuasive or realistic articles? Why does something in the Littletown Daily "Bugle" entitled "Down With the Crushing Tax Burden!" no longer sound patriotic? Are there no longer vital issues like Impressing vs. Free Seamanship, or Reconstruction, or Suffrage?

All of these must be answered in the negative. The writers of today are just as forceful as they ever were; they even know a few tricks-of-the-trade which Greeley and his boys never thought about. And nobody can deny that today's political and economic issues are every bit as desperate and complex as they ever were since that eventful day when Plymouth Rock first felt the tread of a Pilgrim's foot.

The question still remains then—why if we have good writers and burning issues on hand, does the editorial page get shunned like a half-starved lioness with the measles.

In the first place, today's man-with-thethree-cents is a lot more world-wise than his forefathers. He knows that editors and publishers have bones to pick, and that these bones do not always have meat on them. He has been warned about and lured by that great ogre Propaganda that he won't take a good idea when it is shoved under his nose.

In the second place, today more competition faces the modern newspaper than at any other time. Authoritative, well written weeklies and monthlies are now available to those of the public in search of editorial reading matter. Maybe the combined circulation of these publications doesn't amount to more than that of one issue of any of the Big Three nickel weeklies, but their readers are exactly those who in times long past faithfully perused the editorial page and took their cue from it.

But probably the most potent reason for the public's indifference to editorials lies in the fact that today there are a million other things shouting a whole lot louder than editorials. Garrison and Greeley did not have to compete for attention with loud-speakers, movies, commercialized sports, automobiles, swing music, telephones, screeno, and assorted contests. And, worst of all, the newspaper has come forth with a host of distractions itself—cartoons, fiction, headlines, pictures, comics, columns, and blaring accounts of divorce, murder, and the like.

There is not much to do, either, to rescue the edit page from its manifest destiny. To tell the reader to look at the editorials rather than Joe Palooka is like telling the "Atlantic Monthly" to get a bigger circulation than Collier's, or the art museum to get visitors with Dizzy Dean in town pitching a double-header. No matter how we look at it, a discussion of a Congressman's speech will always appear less attractive to us than the puppies in the roto.

## Reviews and Previews

#### STAGE

Night Music. Elia Kazan, Jane
Wyatt, Morris Carnovsky. Group
Theatre production of Clifford Odets'
latest work, a comedy with music.
Opened last night and will continue
for twelve performances.—SHUBERT
Margin For Error, with Doris Dud-

Margin For Error, with Doris Dudley. Directed by Otto L. Preminger, Clare Boothe's play begins Monday, February 19 for a two week run.—PLYMOUTH.

The Fifth Column. Franchot Tone, Katherine Locke, Lenore Ulric. Adapted from the published play by Ernest Hemingway. A Theatre Guild presentation. Begins Monday, February 12.—COLONIAL,

#### SCREEN

Balalaika. Nelson Eddy, Ilona Massey, Charlie Ruggles, Frank Morgan, Lionel Atwill. A love story with music, and Russia for a background. Nelson Eddy is the first blond Russian we've ever seen though. Earl of Chicago. Robert Montgomery, Edward Arnold, Reginald Owen. Montgomery returns after a long absence from the screen.—METROPOLITAN.

Vigil In The Night. Carole Lombard, Brian Aherne, Anne Shirley. Another screen dramatization of A. J. "Citadel" Cronin's latest novel. Oh, Johnny, How You Can Love, with Tom Brown.

35 DEVELOPED 75¢

FINE GRAIN • LARGE PRINTS

Large reprints 4¢ each. Regular snapshots

3¢ each. 5 x 7 enlargements 10¢ each.

COMPLETE PRICE LIST FREE ON REQUEST.

INTERSTATE PHOTO SERVICE Holliston.

Mass.

Another second feature. — KEITH MEMORIAL.

The Shop Around The Corner. Margaret Sullivan, James Stewart, Frank Morgan, Joseph Schildkraut. "Mr. Smith" goes to town in this story of the lives and loves of Hungarian. leather-goods shop employees. Congo Maisie, with Ann Sothern. La Sothern enchanting the natives with her Night Club capers.—LOEW'S STATE.

Harvest. Banned by New York State Censors as "immoral", but acclaimed by New York Critics Circle as "Best Foreign Film of 1939."—FINE ARTS.

Gone With The Wind. Will be gone for good on Wednesday.—LOEW'S ORPHEUM.

The Secret Four. Frank Lee, Anna Lawton. Screen dramatization of Edgar Wallace's thriller. Escape To Paradise. Bobby Breen, Kent Taylor. Bobby still has his boyish soprano in this one. Stage show over weekend headed by Patricia Norman of "Ole Man Mose" fame.—R. K. O. BOSTON

Blondie Takes A Vacation. The Bumstead family again. Flight At Mignight. Airplanes. Stage show is pretty good. Margie Kelly is featured artiste—GAYETY

Racket Busters and Blondes At Work on screen. A new show on the stage, featuring Julie Bryan.—GLOBE

## Learn To Dance—Enroll NOW!

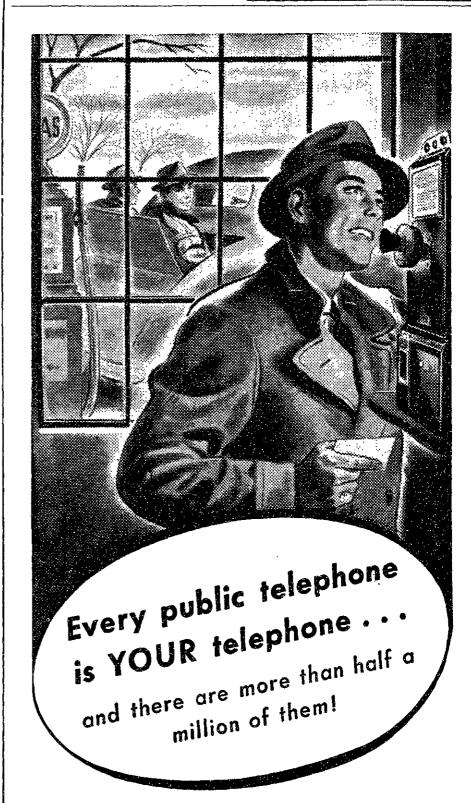
Boston's Foremost Reliable Dancing School

3 Private Lessons for \$1

Uptown School Modern Dancing 330 Mass. Ave. at Hunt.

Personal Direction Miss Shirley Hayes
Tel. COM. 0520
Newest Ballroom Steps, Fox-Trot,
Lambeth Walk, Tango, Waltz,
Rhumba, La Conga, Westchester, Shag.
Beginners guaranteed to learn here.
Complete Course \$5

Hours 10 A.M. to 12 P.M. Classes 10c.
Miss Harriette Carroll's 31 Young Lady Instructors
The School Everyone Recommends
Special attention to Tech students



You'll find them in stores, eating places, gas stations along the highways—in all kinds of public places convenient for your use.

Nowhere else in the world is the distribution of telephones so general. And nowhere else can you get such fast, accurate, and friendly service at such low cost.

Why not telephone home often? Rates to most points are lowest any night after 7 P. M. and all day Sunday.



## Current Sports Slants

BASKETBALL

Middlebury, with two wins and three losses, takes the floor against Tech's quintet-Howle Samuels, Sandy Glick, Dick Wilson, Ernie Artz, and Tom Creamer-at 7:30 tonight in the Hangar Gym. We give Tech the edge in what promises to be a nip and tuck battle. Middlebury is reputed to be playing as a unit for the second year and to be strong in reserves while Tech has had little practice in the last three weeks and has lost twice in the last two starts. However, Tech was at the top before Christmas vacation and has been halted by only two of New England's best 1940 quintets. It will be a good game to watch,

#### TRACK

The M.I.T.A.A. mile relay record will definitely be lowered tomorrow night at the Boston Athletic Association's Fifty-first annual Games if the spirit of Tech's 1940 team-Lew Jester, Vern Kyllonen, Chuck Smith, Al Booth, and Gene Brady is any criteria. After unofficially breaking the record at New York last Saturday, every man is out to make it official this time. We predict 3:28 on the Garden track against Amerherst and Bowdoin. Walt Eberhard is entered in the pole-vault, John Nagle in the high jump, and Jack Schultz in the high hurdles.

With three men out of competition because of Hell Week, the freshman team has been withdrawn from the meet. Preliminary freshman tryouts for the team travelling to Exeter February 24th are scheduled in a varsity and freshman handicap meet on Tech's boards at 2 Saturday.

#### SWIMMING

Bowdoin sends down a strong, well-balanced squad with a record of three wins to line up against a weakened Tech team in the University Club Pool at 2 o'clock tomorrow afternoon. Lack of Beaver practice during vacation, loss of several men to Hell Week and Bowdoin's record all point to the visitors.

#### HOCKEY

Colby and Bowdoin play host to Tech's pucksters today and tomorrow down Maine. Knowing little of the Mule's record, we make no prediction on the Colby game but forecast that Bowdoin will end up on the short end of the score. Browning, Kaneb, Arnold, Sage, Cadogan, and Gordon are to start. Two regulars-Neal at center and Schuchter at goal will be missing from the lineup.

#### SQUASH

The Beaver Raquets will go into action twice over this week-end; meeting the University of Penn's Squash team on our courts this afternoon at five, and traveling to Williamstown, Mass. tomorrow to engage the Williams' Squash team on their courts.

#### VERSUS ARMY

Both gym and rifle teams travel against the Army tomorrow. The gymnasts will be opening their 1940 season. Army takes the edge on the basis of past record. On the other hand Tech rifles, despite losses to Yale and Navy are picked to blast the cadets' untried team.

## Tech Gym Team Faces Army Sat.

Gymnasts Visit West Point For First Encounter This Year

The Beaver Gymnasts will open their season against a powerful Army squad this Saturday at West Point. Although both teams have lost the better part of last year's team by graduation, coach Herb Forsell last night promised one hundred percent Tech spirit, declaring however, that Army has one of the best gym teams in the East.

Special Saturday morning practice sessions have aided the team materially, it was announced. Louis Michelson, Ray Keyes, and Kirk Miller have shown good form thus far.

LINEUPS

High Bar

ARMY

	mikn par	
Whitney Goodwin Quady		Roy Heaton
Quau,		Cockrill
	Side Horse	
Keyes		Krauss
Miller		McKinley
Touche		Wohner
	Parallel Bars	
Michelson		Clapp
Keyes	Krau	ss (Capt.)
Frost		Yates
TV	Rope Climb	
Holley	· R	icha <b>r</b> dson

Technology

Brewer

hardson Dixon O'Keefe Rings Emery Ackerson

Tumbling

Glee Club

(Continued from Page 1)

entertaining, according to Mr. Henry J. Warren, the Glee Club's conductor.

## Partial Program

The program will include Jesu, Joy of Man's Desiring, by Bach; O Bone Jesu, by Palestrina; Vale of Tuoni, by Sibelius; The Fish; Morning Hymn, by Henschel; Lift Thine Eyes, by Logan-Baldwin; and a Celtic hymn, The Outgoing of the Boats, by Robert-

Several solos will also be sung by Arthur Lowell, '41, baritone, with Northrop Brown at the piano. O Du Mein Holder Abendstern (Tannhauser) by Wagner; May Day Carol, an English folksong; and song from "Porgy and Bess", by George Gershwin, will be

## Atom Smashing

(Continued from Page 1)

experiments will show a method of tracing underground rivers by radioactive atoms, and in geophysics the study of the earth's strata by radioactive techniques in oil wells.

## Applications of Radioactivity

One of the most interesting of Dr. Evans experiments will be the tracing of marked phosphorous atoms in plants and the stimulating effects produced by radioactivity. These experiments will be made under artificial conditions simulating the effects of wind and sun. Dr. Evans will also describe the use of radioactivity in the treatment of thyroid disorders Carolle and cancer.



## Beaver Puckmen Fight Against B. U.



Goaltender Gordon (down) is shown making save in first period as Howell, B. U. star (with raised stick) fights for puck

goal (Score 2-2).

This state of affairs did not last for

(Continued on Page 4)

FLY for \$2.50 per hour

At the present time there

are some vacancies in the

membership of

THE BACK BAY FLYING CLUB, INC.

For further information see

HENRY HOADLEY ROOM 33-203

Learn To Dance—Enroll NOW!

Boston's Foremost Reliable Dancing School

Complete Course \$5

Hours 10 A.M. to 12 P.M. Classes 50c.

Miss Harriette Carroll's 35 Young Lady Instructors

The School Everyone Recommends Special attention to Tech students

3 Private Lessons for \$1

Uptown School Modern

330 Mass. Ave. at Hunt.

Personal Direction Miss Shirley Hayes

Tel. COM. 0520

Newest Ballroom Steps, Fox-Trot, Lambeth Walk, Tango, Waltz, Rhumba, La Conga, Westchester, Shag. Beginners guaranteed to learn here.

Tech's pucksters bowed to Boston ing and Kaneb, went home this time University for the second time this with Browning bringing the puck up season at the Boston Arena on Tuesday and Kaneb putting in the equalizing evening by a score of 8-2. Although, in the last 5-1 defeat by B.U., the Terriers scored most of their goals in the first period and were hard pressed by the Engineers in the other two, the going this time was fairly even until the half way point of the last period, when B.U. spurted ahead by making five goals within six minutes, three of which found the net in one minute.

Play started off fairly slowly, but soon speeded up as the teams got going. Three minutes after the start, Howell, playing center for B.U., dribbled through the entire Tech team, and, beating Gordon from very close in, drew first blood for the Terriers (score

### **Browning Scores**

One minute later, Howell was sent into the cooler for two minutes and the Beavers fought hard to put the puck in. Eventually, however, just before Howell's return, Kaneb on the left wing took the puck up the side of the rink, cleared the B.U. defense, and passed to Browning, who came in from the other wing to beat the goalie with a medium long shot to score the equalizer. (Score 1-1).

Plenty of ice was cut now with both teams attacking hotly and almost scoring on a number of occasions. Eventually from a scramble in front of Tech's goal, Richardson and Conaty managed to push the puck in, to put B.U. in the lead, 2-1. Play then slowed down considerably and the end of the period came with the score still 2-1.

## Kaneb Evens

The second period saw the two teams playing hard again with renewed vigor. Tech started in with attacks led by Browning and Kaneb and sometimes by Sage, left defense man, but for the first four minutes bad luck dogged the Engineers. After this time, however, another combination move by Brown-

Flowers Telegraphed to All Parts of the World

Entrance to Mass. Station 118 MASSACHUSETTS AVE. BOSTON, MASS.

Tel. KENmore 6829

## Walton Lunch Co.

Morning, Noon and Night You will find All Tech at 78 Massachusetts Avenue CAMBRIDGE

QUICK SERVICE APPETIZING FOOD POPULAR PRICES Quality First Always

> THAT'S WALTON'S

1080 Boylston Street Convenient to Fraternity Men

## Technology Pistol Team Beats Wisconsin Enemy

The University of Wisconsin. dropped a recent postal match to the Cardinal Pistol Team, 1307 to 1293. J. Lewis of M.I.T. shot a phenomenal 92. The freshmen were not as fortunate, being defeated by the very close score of 784-774.

In another scheduled meet last night, Tech took third place with a score of 839 points. They were beaten by the Boston No. 1 Pistol Team and the Army and Navy Club with the scores of 871 and 846, respectively. Boston No. 1 Pistol Team has an excellent record and boasts the five best marksmen in Boston.

The Tech scores by each man were: Henry, R. K-171; Owen, E. K.-170; Lewis, J.—169; Clark, G.—165; Scott, N. R.—164.

DANCING LESSONS

## \$3 VALUE FOR \$1

HARKINS — 342 Mass. Ave. NEAR BOSTON ARENA-COM. 1102

## THIS YEAR WE CELEBRATE **OUR FORTIETH** ANNIVERSARY OF THE FOUNDING OF **OUR COMPANY**

Throughout this month and next, we will offer some very attractive camera and photographic items at a very special anniversary price.

Phone our Cambridge Branch for Each Weekly Special - KIRkland 7040. See what you will save on all your photo needs.

1252 MASS. AVE., CAMBRIDGE

Lib. 7142

Main Office

47 Bromfield St., Boston.



FOR QUICK CLEARANCE

Formerly Marked \$45.00

**Overcoats** Sportcoats

Formerly \$50.00

Formerly \$15.00-\$18.00

\$12.95 Reversibles

Formerly Marked \$25.00

SKI MITTS \$1.95 · Reduced from \$4.00 MUFFLERS \$1.00 \$2.00 **ROBES \$5.95** \$10.00 SWEATERS \$2.50 \$5.00 LUGGAGE \$20.00 \$40.00 PAJAMAS \$1.50 \$3.00 DRESS VESTS \$4.00 \$8.00 RAINCOATS \$5.45 \$7.50 NECKWEAR 95c. \$1.50 SKI TOQUES 65c. \$1.50

## CALENDAR

### FRIDAY, FEBRUARY 9

- 5:00 P.M. Varsity Fencing vs. Syracuse—Syracuse. Technique Photographs-North Hall. 5-9 P.M.
- 7:00 P.M. Squash Meet vs. Univ. of Penn.—Squash Courts.
- 8:00 P.M. Varsity Hockey vs. Colby-Colby.
- 8:15 P.M. Glee Club Concert Bouve-Boston School of Physical Education.

#### SATURDAY FEBRUARY 10

- 2:00 P.M. 5:15 Club Basketball Game—Hangar Gym.
- 2:00 P.M. Varsity Gymnastics vs. Army-West Point.
- 2:00 P.M. Varsity Fencing vs. Hamilton—Away.
- 2:15 P.M. Varsity Squash vs. Williams-Away.
- 2:30 P.M. Varsity Rifle vs. Army-Away.
- 3:00 P.M. Varsity Swimming vs. Bowdoin-Home.
- 3:30 P.M. Varsity Hockey vs. Bowdoin-Away.
- 7:00 P.M. Varsity Track-B.A.A. Games—Away.
- 7:00 P.M. Freshman Track-B.A.A. Games-Away.
- 7:30 P.M. Varsity Basketball vs. Middlebury-Hangar Gym.

#### SUNDAY, FEBRUARY II

- 3:00 P.M. Catholic Club Business Meeting-Room 6-120.
- 4-6 P.M. Senior House Tea-Crafts Lounge.

- MONDAY, FEBRUARY 12 5:15 P.M. Amer. Inst. of Elec. Eng.-Technique Photo-North Hall.
- Circolo Italiano-West Lounge.
- 6:15 P.M. Worcester Polytechnic Alumni Dinner-Faculty Room.
- 6:30 P.M. Amer. Statistical Society Dinner-Grill Room.
- 6:30 P.M. Amer. Society of Welding Dinner-Grill Room.

## Five Fifteen Amendment | Hockey

## First Succession Action

The first organization to conform with the new succession rules passed by the Institute Committee last term was the 5:15 Club which, less than five minutes after the passage of the amendment, had offered its altered constitution to the Institute Committee for approval.

The new amendments adopted by the 5:15 Club provide for election of officers in January instead of in February as before. Because of the delay in passage of the succession rules, the club elections will be held the first week of the second term, officers of the club announced. The new officers will assume office at the first meeting in February according to the revised regulations. This will include the Institute Committee representative who will start on the committee at the second meeting in February.

The 5:15 Club was able to have its constitution ready only by guessing that the Institute Committee would ratify the succession amendment and having the club constitution revised at a previous meeting. The motion for the Institute Committee to approve the changes was tabled.

## Reserve Officer Speaks To A.S.M.E. Members

"Industrial Preparedness" was the subject of a talk given last night by Lt. Col. Clark S. Robinson, Ordnance Reserve, U.S.A. in North Hall Walker following a dinner attended by twentyfive members of the Boston Section, A.S.M.E.

Lt. Col. Robinson's talk was accompanied by the films "Mechanized Cavalry" and "Ordnance Day at the Aberdeen Proving Grounds".

Regular meetings of the A.S.M.E. are held on the last Thursdays of each month and any interested students are invited to attend.

# ELIOT FLOWER SHOP

Specializing in Corsages

Special Rates to Tech Students 87 MASS. AVE., BOSTON KEN 6470

(Continued from Page 3)

long, however, for the Terriers started attacking again and within a minute, Richardson had put them ahead again with a shot close in, pushed past Gordon during a melee in front of Tech's goal (Score 2-3). From this time until the end of the period, neither team is the envy of his colleagues. scored, although both came within an ace of doing so on many occasions. Both goalies played fine games during this time.

## Go Down Fighting

The third period started off with las Cunningham Gray. Tech attacking. During the first seven Terriers managed to put two wellplaced long shots in within the next forty-five seconds. The Beavers started fighting back, but they were rattled and when five minutes later, B.U. once again scored to put them ahead 7-2, they were beaten. It only remained for Conaty to put the eighth goal in for the Terriers (Score 8-2).

## Neal and Schuchter Missed

Tech badly missed Neal and Schuchter, two of last term's first string men who have not returned. Especially needed was Neal, the excenter, whose absence ruined the Browning-Neal-Kaneb attacking combination. Kaneb and Browning played their usual sparkling game but Arnold, the new center, had difficulty clicking with them.

The defense was not all that it should have been. The chief trouble was with speed and the fast dribblers on the B.U. side. Nat Sage was the best defense man on the ice; while in, he did quite an effective job.

## Chem. Society

(Continued from Page 1)

program of a meeting of the Northeastern section of the American Chemical Society which had previously held a dinner in the graduate house at 5 P.M. The speaker of the evening was Professor Philip Drinker of the Harvard School of Public Health, who spoke on "Industrial Hygiene."

Dr. Drinker's talk concerned the elimination of the dangerous effects of carbon disulfide and hydrogen sulfide vapors in the production of rayon.

## Other Colleges Guest at Social

In the main hall of Walker a social hour followed the meeting at which members of the A. C. S. from Wellesley, Simmons, Radcliffe, Harvard, and other New England Colleges were the guests of the M.I.T. Student chapter refreshments were served.

The M.I.T. Chemical Society has planned a plant trip for today at 2 P.M. Members will leave the Eastman Foyer to go to the Necco factory.

### Glen Gray

(Continued from Page 1)

ton Red Sox ranks highest on Gray's calendar of sports figures. "That's probably because I know him so well," explained the former freight hustler. "Our band members know most of the Yankees too. They used to come over to see us when we were playing at the Glen Island Casino."

#### Wants to Hunt

Concerning his own form of relaxation, Glen explained that this phase of his life exists more in the form of an ambition than a reality. "What I want most at the moment is to be able to go lab and popped three circuit breakers. North for a three weeks' hunting trip,"

"Spike," as a matter of fact, keeps his shooting eye sharp with target and skeet practice as he tours the country. His collection of guns, accumulated over a period of one and one-half years,

### Wife in Plymouth

A special attachment for this part of the country exists in Glen's heart, however; his wife lives at Plymouth, Massachusetts, with ten-week-old Doug-

"Playing at college proms is our speminutes of the period the Engineers cialty," drawled "Spike", as he rested had everything their own way, only during the 1:30 to 2:00 A.M. interbad luck stopping them from scoring. mission period of the St. John's Uni-At the  $7\frac{1}{2}$ -minute mark, however, versity junior prom. "We've covered Howell once again dribbled through most of the colleges from Bowdoin to and scored from close in. Tech seemed the University of Florida and west to to collapse after this and Brown of the the Mississippi. We've even played at Vassar," he added.

## Didn't Always Lead

Glen didn't always lead his band, however. It was three years ago that an insistent customer asked that he leave the saxophone section and take the baton in order that the patrons might see him. Since that time his towering 220-pound form has been pointed out to the uninitiated as "the biggest man in the band".

With his call buzzer sounding, 'Spike" left us with promises of some very special arrangements for the night of March 1, when his theme "Smoke Rings" will be heard again by Tech men and their dates at the Hotel Statler.

Take Her to the Mary Stuart for Dinner

THE MARY STUART DINING ROOM

94 MASS. AVE., BOSTON

# FENNELL'S

Imported and Domestic

## WINES, LIQUORS, ALES **CHAMPAGNES & CORDIALS**

59 Massachusetts Avenue, Boston NEAR COMMONWEALTH AVENUE

Free Delivery Service

**KEN. 0222** 

CERTIFIED S. S. PIERCE CO. RETAILER



allegedly cannot write or even read some lecturers would imply is as nought. However, this is grossly wrong. Passing down through Georgia recently the Lounger had occasion to note many of the shacks along the roadside and one in particular. As is the custom in these parts, one of the units of the house is usually set some distance behind the rest. And on this particular one was glaring evidence that the Georgian provincials are educated, since, for the edification of all passersby, the little house in the rear was plainly labeled in four large white letters, a foot high . . . Efficiency.

#### Aftermath-E.E.

suddenly, it all became just too much. Here is his report-to-end-all-reports.

The percent speed variation in the DC shunt motor is no concern of mine whatever. However, in the experiment just completed, it went all over the place. First, the damn machine went at about 4876.418 rpm. That didn't last though. It finally got into synchronism, but upon doing so, the generated emf went to infinity. This caused an explosion which blew hell out of the A brief delay was brought about when announced the tallest man in the band. the green amperes got into the red lead by mistake. Nothing serious. The next step in the experiment consisted in obtaining the mutual self inductance of the third phase from the right. This was done with an ammeter,-nothing else,—just an ammeter. That's a new angle I thought up. The answer is 14.57. The proof of this is left as an exercise for the instructor.

with great care the words of the president of the New York chapter of the Women's Christian Temperance Union

## Foremost Reliable Dancing School

Miss Harriette Carroll's 35 Young Lady Instructors The School Everyone Recommends Special attention to Tech students

For many years the Lounger has heard about the ignorant uneducated people in the South. These simple folk their own names. Their intelligence

An old friend of the Lounger was busy plowing his weary way through reams of graph paper and tomes of electrical engineering secrets, when, He became inspired as they say in all the popular histories of science.

## A Word to the Wise

Those among us who so firmly believe in the catalytic effects of alcohol upon the human palate should weigh who recently, it was reported by the

## Learn To Dance—Enroll NOW

3 Private Lessons for \$1 Uptown School Modern Dancing 330 Mass. Ave. at Hunt. Personal Direction Miss Shirley Hayes Tel. COM. 0520

Newest Baltroom Steps, Fóx-Tror, Lambeth Walk, Tango, Waltz, Rhumba, La Conga, Westchester, Shag. Beginners guaranteed to learn here. Complete Course \$5 Hours 10 A.M. to 12 P.M. Classes 50c.

## Two Professors Join A. C. D. I.

Two institute professors are me bers of the Executive Committee the recently organized American Co mittee for Democracy and Intellects Freedom, an organization formed combat un-American propaganda means of a News Service, the fire release of which has just been p

The professors are Mr. Dirk Struik and Mr. C. Fayette Taylor the Mathematics and Mechanical E gineering departments respectively.

Professor Arthur H. Compton of the University of Chicago, the Institu president's brother, is also a memb of the Executive Committee, which contains five presidents, nine dear and thirty-seven professors from vaous educational institutions throug out the country

## Committee to Extend Democracy

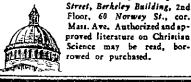
The American Committee New Service, according to Dean Ned I Dearborn, N. Y. U., and Prof. W.A Malisoff, Poly. Inst. of Brooklyn, the Editorial Board, aims to summa ize and analyze current materials si nificant in the struggle to extend or democratic institutions.

Editorial Board states that they are convinced that a concerted effort present to the American people th truth about our traditions, history c races, and nationalities, education, ar culture can weaken the effectivenes of unAmerican propaganda.

New Yorker, "gave it as her measure opinion that he who never touche drink does not die a drunkard."

### The First Church of Christ, Scientist Falmouth, Norway and St. Paul Sts. Boston, Massachusetts

Sunday Services 10.45 a. m. and 7.30 p. m.;
Sunday School 10.45 a. m.; Wednesday evening meetings at 7.50, which include tertimonies of Christian Science hesling.
Reading Rooms — Free to the Public, 333 Washington St., opp. Milk St., entrance also at 24 Province St., 420 Boylston Street, Berkeley Building, 2nd Floor, 60 Norwey St., cor.

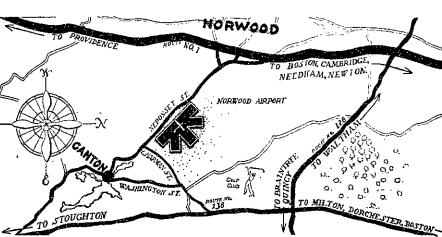


## Boit, Dalton, and Church

**BOSTON** 

INSURANCE **OF** ALL KINDS

## THE BEST ROADS LEAD WIGGINS AIRWAYS!



The Norwood Airport, finest suburban field in this area, is reached quickly and comfortably by automobile from any point in Metropolitan Boston. If you haven't visited us already, tuck this map in your pocket and drive out at the next opportunity. Phone ahead if you wish--CANton 0210.

You'll enjoy flying with Wiggins Airways at the Norwood Airport. Everything here is designed for your pleasure and convenience -- the smooth gravel runways, the superb fleet of new airplanes, the comfortable lounging room, and the three spacious hangars.

Top-Notch Instruction—Fine Flying Equipment

## E. W. WIGGINS AIRWAYS, INC.

Other bases at Boston, Providence, Newport Distributors for Beechcraft, Waco, Cub